

PATENT ABSTRACTS OF JAPAN

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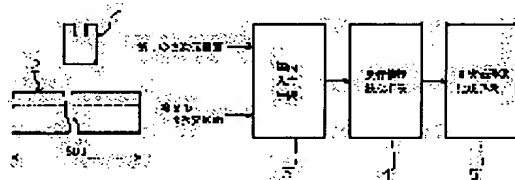
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(54) CAD SYSTEM

(57)Abstract:

PROBLEM TO BE SOLVED: To generate a three-dimensional shape based on a two-dimensional drawing that is produced by an omitting drawing.

SOLUTION: A 1st two-dimensional drawing 1 (front view) and a 2nd two-dimensional drawing 2 (side view) are inputted to a drawing input means 3. A depth information reading means 4 reads the dimension line showing the depth, etc., out of the drawing 2 as the depth information. An operator moves a cursor provided on the screen of an image display which shows the input drawing to specify the dimension line. A three-dimensional shape generation means 5 pushes (sweeps) out the two-dimensional shape of the drawing 1 based on the depth information read by the means 4 and generates the three-dimensional shape of an object.



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